

Analyte	Units	Deepwater Horizon Marine Sediment Screening Levels	OW Benchmarks - Sediment Screening Chronic	0033-100608	0034-100608	0034-100608	0035-100608	0040-100609	0041-100609	SC030-100613
				T008-0033-100608-SD-1 6/9/2010 Field Sample	T008-0034-100608-SD-1 6/9/2010 Field Sample	T008-0034-100608-SD-2 6/9/2010 Field Sample	T008-0035-100608-SD-1 6/9/2010 Field Sample	T008-0040-100609-SD-1 6/9/2010 Field Sample	T008-0041-100609-SD-1 6/9/2010 Field Sample	T008-SC030-100613-SD-1 6/11/2010 Field Sample
Metals										
Aluminum	mg/kg	0		2470	2710	3450	3270	1070	1890	1890
Antimony	mg/kg	0		0.13 U	0.32 U	0.34 U	0.35 U	0.35 U	0.33 U	0.14 U
Arsenic	mg/kg	7.24		3.9	3.7	4.8	2.3	2.3	2.3	4.8
Barium	mg/kg	0		18.4	41.5	26.4	8.7	8.7	34.8	36
Beryllium	mg/kg	0		0.18 U	0.17 U	0.24 U	0.18 U	0.12 U	0.12 U	0.11 U
Calcium	mg/kg	0.68		0.093 U	0.081 U	0.11 U	0.11 U	0.05 U	0.048 U	0.058 U
Cadmium	mg/kg	0		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Chromium	mg/kg	52.3		5.1	5.7	6.3	2	2	3.9	3.6
Cobalt	mg/kg	0		4.4	4.1	5.9	4.1	2.3	3.3	4.4
Copper	mg/kg	18.7		1.6	1.1	2.1	1.9	2.3	2.3	3.4
Iron	mg/kg	0		9260	9420	12800	8000	3790	6010	3790
Lead	mg/kg	30.2		5.6	5.3	6.8	2.8	4.2	4.2	4.8
Magnesium	mg/kg	0		2990	3790	4230	4440	1950	2390	1540
Manganese	mg/kg	0		227	242	297	329	362.3	379	40.8
Mercury	mg/kg	0.13		0.013 U	0.013 U	0.014 U	0.014 U	0.013 U	0.014 U	0.024 U
Nickel	mg/kg	15.9	20.9	6.3	6.8	8.2	6.3	2.8	4.7	8.5
Potassium	mg/kg	0		1010	1000	1240	1070	499	444	597
Selenium	mg/kg	0		0.39 U	0.38 U	0.4 U	0.4 U	0.4 U	0.4 U	0.27 U
Silver	mg/kg	0.73		0.048 U	0.047 U	0.072 U	0.079 U	0.069 U	0.048 U	0.068 U
Sodium	mg/kg	0		1930	1580	1790	1820	1940	2100	2310
Thallium	mg/kg	0		0.36 U	0.35 U	0.36 U	0.37 U	0.37 U	0.36 U	0.18 U
Vanadium	mg/kg	0	57	10.2	10.3	12.8	10	3.4	6.6	7.2
Zinc	mg/kg	124		34.3	35.5	44.9	28.7	17.2	22.3	18.9
OC										
HM Oil and Grease	mg/kg			128	87	83	84	84	109	59000
SVOCs										
1,2,4-Trichlorobenzene	mg/kg	0.473		0.0093 U	0.0094 U	0.0094 U	0.0095 U	0.0093 U	0.0094 U	1.1 U
1,2-Dichlorobenzene	mg/kg	0.989		0.01 U	2.3 U					
1,3-Dichlorobenzene	mg/kg	0.842		0.0094 U	0.0094 U	0.0095 U	0.0096 U	0.0094 U	0.0095 U	2.3 U
1,4-Dichlorobenzene	mg/kg	0.46		0.0079 U	0.0079 U	0.008 U	0.008 U	0.0079 U	0.0079 U	2.3 U
2,4,5-Trichlorophenol	mg/kg	0.819		0.041 U	1.1 U					
2,4,6-Trichlorophenol	mg/kg	0.47		0.031 U	1.1 U					
2,4-Dichlorophenol	mg/kg	0		0.056 U	0.057 U	0.057 U	0.058 U	0.057 U	0.057 U	1.1 U
2,4-Dimethylphenol	mg/kg	0		0.059 U	0.059 U	0.059 U	0.06 U	0.059 U	0.059 U	1.1 U
2,4-Dinitrophenol	mg/kg	0		0.043 U	0.043 U	0.043 U	0.044 U	0.043 U	0.043 U	1.1 U
2,4-Dinitrotoluene	mg/kg	0		0.015 U	1.1 U					
2,6-Dinitrotoluene	mg/kg	0		0.011 U	1.1 U					
2-Chlorophthalene	mg/kg	0		0.011 U	1.1 U					
2-Chlorophenol	mg/kg	0.344		0.035 U	0.035 U	0.036 U	0.036 U	0.035 U	0.036 U	1.1 U
2-Methylphthalene	mg/kg	0.0002		0.001 U	0.23 U					
2-Methylphenol	mg/kg	0		0.04 U	1.1 U					
2-Nitroaniline	mg/kg	0		0.015 U	2.3 U					
2-Nitrophenol	mg/kg	0		0.017 U	0.017 U	0.018 U	0.017 U	0.017 U	0.017 U	1.1 U
3,8-Methylphenol	mg/kg	0		0.045 U	1.1 U					
3,7-Dichlorobenzidine	mg/kg	0		0.0089 U	2.3 U					
3-Nitroaniline	mg/kg	0		0.014 U	2.3 U					
4,6-Dinitro-o-cresol	mg/kg	0		0.043 U	0.043 U	0.043 U	0.044 U	0.043 U	0.043 U	1.1 U
4-Somomethyl phenyl ether	mg/kg	0		0.011 U	1.1 U					
4-Chloro-3-methyl phenol	mg/kg	0		0.035 U	0.035 U	0.035 U	0.036 U	0.035 U	0.035 U	1.1 U
4-Chloronitrobenzene	mg/kg	0		0.011 U	1.1 U					
4-Chlorophenyl phenyl ether	mg/kg	0		0.011 U	1.1 U					
4-Nitroaniline	mg/kg	0		0.014 U	2.3 U					
4-Nitrophenol	mg/kg	0		0.051 U	3.3 U					
Acenaphthene	mg/kg	0.00671		0.00048 U	1.4 U					
Acenaphthylene	mg/kg	0.00697		0.001 U	1.4 U					
Acephenanthrene	mg/kg	0.0069		0.0006 U	2.7 U					
Benzo[a]anthracene	mg/kg	0.0748		0.00047 U	3.9					
Benzo[a]pyrene	mg/kg	0.0888		0.00053 U	0.29 U					
Benzo[b]fluoranthene	mg/kg	0		0.0017 U	0.34 U					
Benzo[b]kerylene	mg/kg	0		0.0013 U	0.29 U					
Benzo[b]fluoranthene	mg/kg	0		0.0008 U	0.29 U					
Benzo[c]acridine	mg/kg	0		0.064 U	0.064 U	0.064 U	0.065 U	0.064 U	0.064 U	3.1 U
Benzo[e]acridine	mg/kg	0		0.015 U	1.1 U					
bio-2-Chloroethoxyethane	mg/kg	0		0.014 U	1.1 U					
bio-2-Chloroethoxyethane	mg/kg	0		0.011 U	1.1 U					
bio-2-Chloroethoxyethane	mg/kg	0		0.011 U	1.1 U					
bio-2-Ethylhexylphthalate	mg/kg	0		0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	5.7 U
bio-2-Ethylhexylphthalate	mg/kg	0		0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	5.7 U
bio-2-Ethylhexylphthalate	mg/kg	0.182		0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	5.7 U
bio-2-Ethylhexylphthalate	mg/kg	0		0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.031 U	5.7 U
Carbazole	mg/kg	0		0.016 U	0.016 U	0.016 U	0.017 U	0.016 U	0.016 U	1.1 U
Chrysene	mg/kg	0.128		0.00047 U	0.28					
Dibenz[a,h]anthracene	mg/kg	0.00622		0.001 U	0.29 U					
Dibenzofuran	mg/kg	7.3		0.01 U	1.1 U					
Dibenzophthalate	mg/kg	0.238		0.012 U	5.7 U					
Dimethyl phthalate	mg/kg	0		0.012 U	0.012 U	0.012 U	0.013 U	0.012 U	0.012 U	2.3 U
Di-n-butyl phthalate	mg/kg	1.18		0.0078 U	2.3 U					
Di-n-octyl phthalate	mg/kg	0		0.017 U	2.3 U					
Fluoranthene	mg/kg	0.113		0.0035 U	0.72 U					
Fluorene	mg/kg	0.0012		0.0004 U	1.4 U					
Hexachlorobenzene	mg/kg	0		0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.011 U	1.1 U
Hexachlorobenzene	mg/kg	0		0.009 U	1.1 U					
Hexachlorocyclopentadiene	mg/kg	0.139		0.008 U	1.1 U					
Hexachloroethane	mg/kg	0.804		0.0097 U	0.0098 U	0.0098 U	0.0099 U	0.0098 U	0.0098 U	2.9 U
Indeno[1,2,3-cd]pyrene	mg/kg	0		0.0014 U	0.29 U					
Isoquinoline	mg/kg	0		0.0094 U	0.0095 U	0.0095 U	0.0096 U	0.0095 U	0.0095 U	1.1 U
Naphthalene	mg/kg	0.0146		0.0008 U	0.72 U					
Nitrobenzene	mg/kg	0		0.01 U	1.1 U					
N-Nitroso-D-propylamine	mg/kg	0		0.0086 U	0.0086 U	0.0086 U	0.0087 U	0.0086 U	0.0086 U	1.1 U
N-Nitrosodimethylamine	mg/kg	4.2		0.021 U	1.1 U					
Pentachlorophenol	mg/kg	7.97		0.06 U	1.1 U					
Phenanthrene	mg/kg	0.0867		0.0095 U	0.78 U					
Phenol	mg/kg	0		0.017 U	0.017 U	0.017 U	0.018 U	0.017 U	0.017 U	1.1 U
Pyrene	mg/kg	0.153		0.0004 U	0.72 U					
DOC										
Total Organic Carbon	mg/kg			2500	900	900	910	1120	910	36500
TPH										
TPH (C28-C35)	mg/kg									14800
TPH (C10-C28)	mg/kg									19500
TPH (C10-C28)	mg/kg			3.8	3.6	3.6	3.6	3.6	3.6	3.6
TPH (C10-C28)	mg/kg			3.6	3.7	3.7	3.8	3.6	3.6	3.6
TPH (C10-C28)	mg/kg			3.6	3.6	3.7	3.7	3.6	3.7	3.7
NOCs										
1,1,1-Trichloroethane										